

SYM-16



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : John K. Hughes and Gurpreet Singh  
Serial No. :  
Filed : Concurrently Herewith  
For : APPARATUS AND METHOD FOR  
WIRELESS LOCAL AREA NETWORKS  
OF DIFFERENT COUNTRIES  
Group Art Unit :  
Examiner :

Commissioner for Patents  
Washington, D.C. 20231

INFORMATION DISCLOSURE STATEMENT

Sir:

In accordance with 37 C.F.R. §§ 1.56 and 1.97,  
applicants wish to call the attention of the Examiner to the  
following documents:

U.S. Patents

Sturniolo et al. U.S. Patent 6,091,951 (7/18/00)  
Rostoker et al. U.S. Patent 6,035,212 (3/7/00)  
Fomukong et al. U.S. Patent 5,918,159 (6/29/99)  
Hill et al. U.S. Patent 5,857,155 (1/5/99)  
Sanpei et al. U.S. Patent 5,732,349 (3/24/98)  
Krolopp et al. U.S. Patent 5,699,408 (12/16/97)  
Hickman et al. U.S. Patent 5,635,940 (6/3/97)  
Tymes U.S. Patent 5,029,183 (7/2/91)  
Pireh U.S. Patent 5,020,093 (5/28/91)

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#EK708044151US

### Other Documents

Horn, K., "Draft Supplement To Standard for Telecommunications and Information Exchange Between Systems - LAN/MAN Specific Requirements, Part 11: Wireless Medium Access Control (MAC) and Physical layer (PHY) specifications:, Specification for Operation in Additional Regulatory Domains," IEEE 802.11 Task Group d, pp. 1-34 (March, 2000).

Zegelin, C., "A Simple Approach for World Wide Deployment," IEEE 802.11 Task Group d, pp. 1-7 (November, 1999).

O'Hara, B., "Submission," IEEE 802.11 Task Group d, pp. 1-4 (September 15, 1999).

Engwer, D. and Zweig, J, "Algorithmically Derived Hop Sequences," IEEE 802.11 Task Group d, pp. 1-10 (September 13, 1999).

O'Hara, B., " Universal DSSS and HRDS Channelization," IEEE 802.11 Task Group d, pp. 1-3 (September 3, 1999).

O'Hara, B. "Task Group d Report, September 13-17, 1999 Santa Rosa, CA," IEEE 802.11 Task Group d, Slides 1-7 (September, 1999).

O'Hara, B. "Universal DS Channelization," IEEE 802.11 Task Group d, Slides 1-5 (September, 1999).

Skellern, D., "TGd - Additional Regulatory Domains for 802.11 - Meeting #2, July 1999 Montreal Meeting Minutes," IEEE 802.11 Task Group d, pp. 1-2 (July 6, 1999).

Kawaguchi, D., "FH Hopping Patterns for New Regulatory Domains," IEEE 802.11 Task Group d, pp. 1-2 (July 5, 1999).

O'Hara, B. "TGd Report July 1999 Meeting Montreal, Quebec, Canada," IEEE 802.11 Task Group d, Slides 1-6 (July, 1999).

O'Hara, B., "TGd Agenda, July 1999 Meeting Montreal, Quebec, Canada," IEEE 802.11 Task Group d, Slides 1-4 (July, 1999).

Petrick, A., "TGd - May Interim Meeting Minutes," IEEE 802.11 Task Group d, pp. 1-2 (May 5, 1999).


O'Hara, B., "Proposed PAR for Supplement to 802.11 for Additional Regulatory Domains," IEEE 802.11 Task Group d, pp. 1-4 (January 13, 1999).

These documents are listed on the accompanying Form PTO-1449 and copies are enclosed herewith.

It is respectfully requested that the documents be (1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent which may issue on this application. Applicant requests that a copy of Form PTO-1449, as considered and initialed by the Examiner, be returned with the next communication.

Consideration of the foregoing in relation to this patent application is respectfully requested.

Respectfully submitted,

  
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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.  
SYM-16

SERIAL NO.

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANTAPPLICANT  
John K. Hughes and Gurpreet SinghFILING DATE  
Concurrently Herewith

GROUP

PTO

09/702215

1c943 U.S.

10/30/00

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,091,951	7/18/00	Sturniolo et al.	455	432	
	6,035,212	3/7/00	Rostoker et al.	455	552	
	5,918,159	6/29/99	Fomukong et al.	455	38.1	
	5,857,155	1/5/99	Hill et al.	455	456	
	5,732,349	3/24/98	Sanpei et al.	455	435	
	5,699,408	12/16/97	Krolopp et al.	375	59	
	5,635,940	6/3/97	Hickman et al.	342	389	
	5,029,183	7/2/91	Tymes	375	1	
	5,020,093	5/28/91	Pireh	379	59	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL	
	Horn, K., "Draft Supplement To Standard for Telecommunications and Information Exchange Between Systems - LAN/MAN Specific Requirements, Part 11: Wireless Medium Access Control (MAC) and Physical layer (PHY) specifications:, Specification for Operation in Additional Regulatory Domains," IEEE 802.11 Task Group d, pp. 1-34 (March, 2000).
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EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. SYM-16	SERIAL NO.
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		APPLICANT John K. Hughes and Gurpreet Singh	
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	O'Hara, B., "TGd Agenda, July 1999 Meeting Montreal, Quebec, Canada," IEEE 802.11 Task Group d, Slides 1-4 (July, 1999).
	Petrack, A., "TGd - May Interim Meeting Minutes," IEEE 802.11 Task Group d, pp. 1-2 (May 5, 1999).
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